

IN THE SPECIFICATION:

Please amend paragraph [0028] as follows:

[0028] The steam condensate mixed with the oil will remain liquid until the pressure of the column of oil in the footed borehole 18 is no longer sufficiently high to maintain the steam condensate in liquid state at the localized temperature and pressure of the steam. Thus, when the steam condensate reaches a portion of the column of the oil at which it can no longer exist in a liquid or dissolved state, a portion of it vaporizes, and when steam vaporizes it lowers thereby lowering the temperature of the surrounding ambient, in this case the oil. The steam condensate forms bubbles 80 the condensate evolves vapor due to the reduced pressure, and the bubbles form first at a zone 82 in the oil column at which the hydrostatic pressure and temperature conditions dictate that they the steam condensate shall come out of solution. Thus the bubbles 80, at formation in the zone 82, cool the oil, and the bubbles thence flow upwardly in the oil column and thence into the open bore of the well. The bubbles 80 also preferentially rise in the oil to the upper surface 84 of the footed wellbore 18, and thus pass above the pump 38 and they are therefore not sucked into the pump entry when pump 38 is operating. The oil at the location of the pump 38, cooled by the evolution vaporization of steam vapor condensate, is thus in a temperature range below 280 degrees Fahrenheit, and thus the use of nitrile rubber as the stator coating material is enabled.